FIG.1

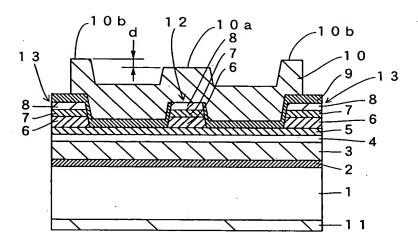


FIG.2

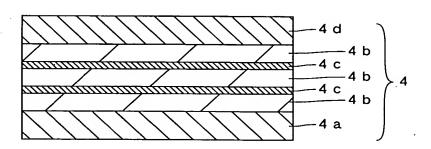


FIG.3

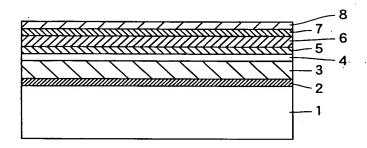


FIG.4

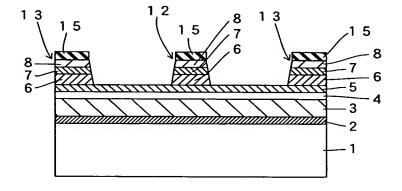


FIG.5

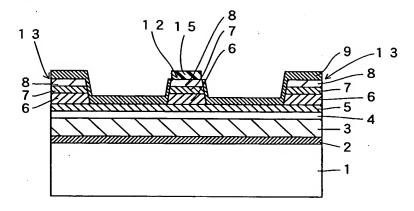


FIG.6

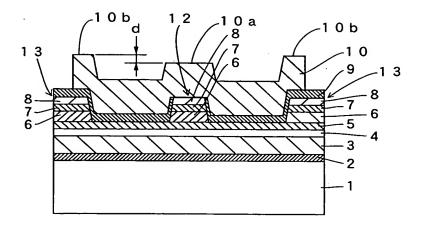


FIG.7

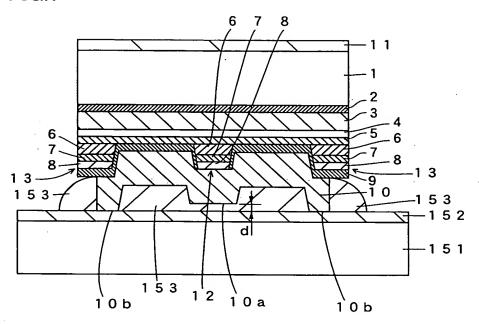


FIG.8

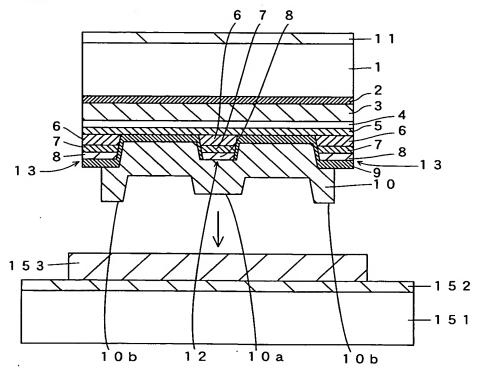


FIG.9

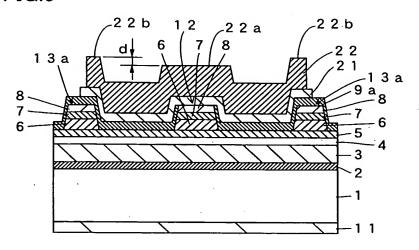


FIG.10

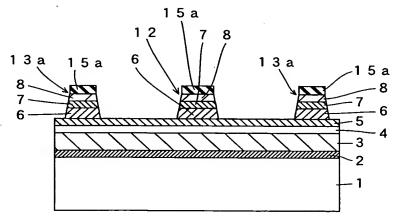


FIG.11

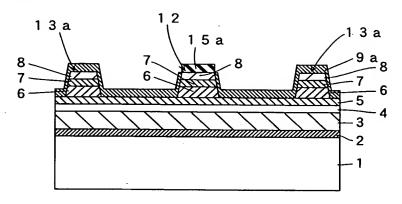


FIG.12

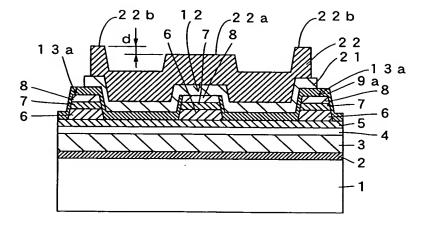


FIG.13

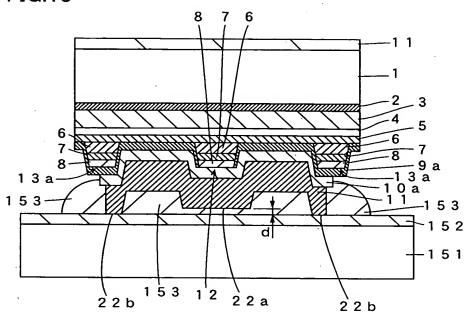


FIG.14

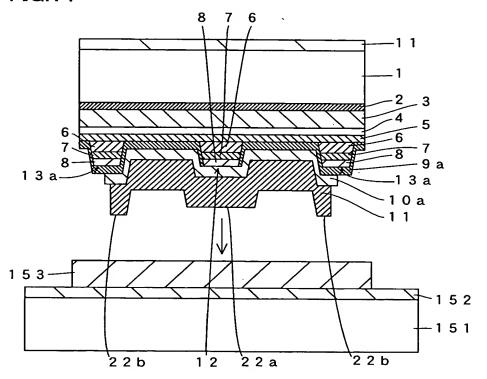


FIG.15 **POLARIZATION RATIO** THICKNESS OF p-SIDE ELECTRODE ( $\mu$  m)



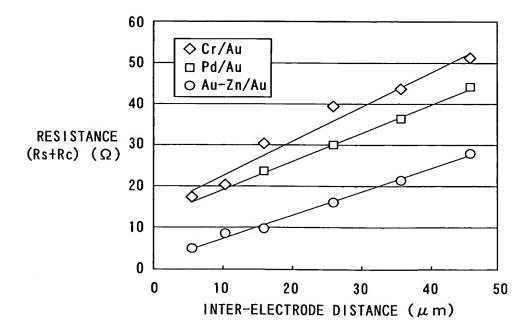


FIG.17

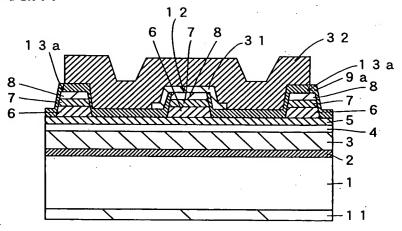


FIG.18

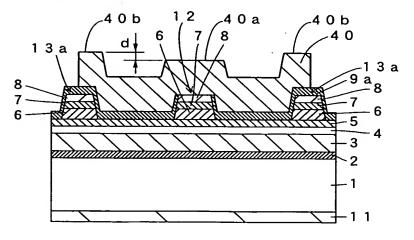
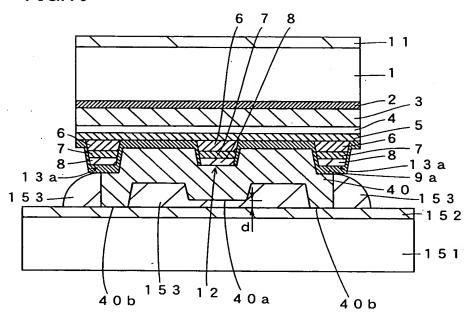


FIG.19





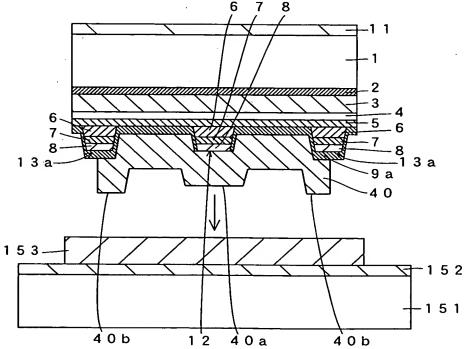
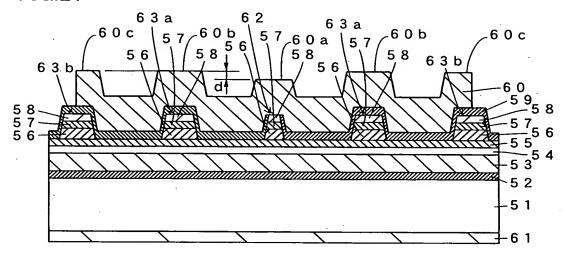
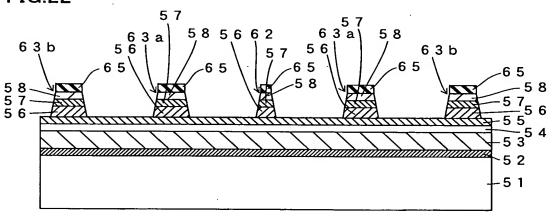
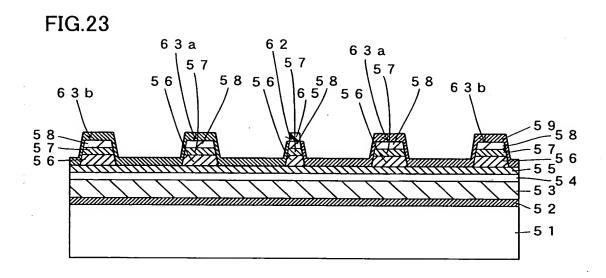


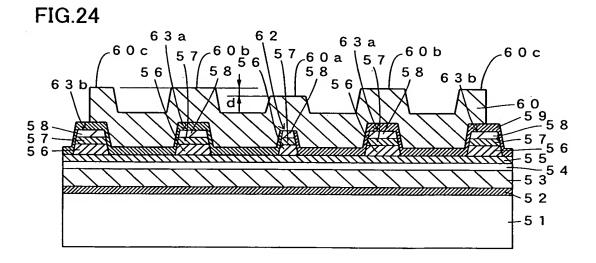
FIG.21



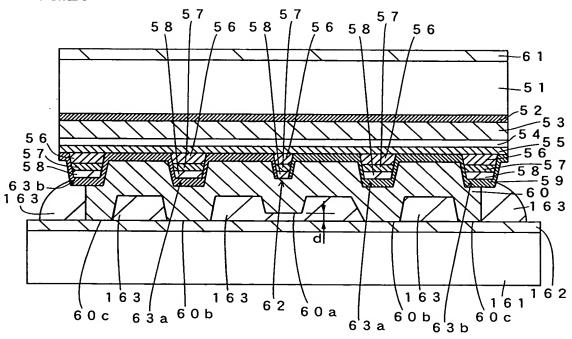








**FIG.25** 



**FIG.26** 

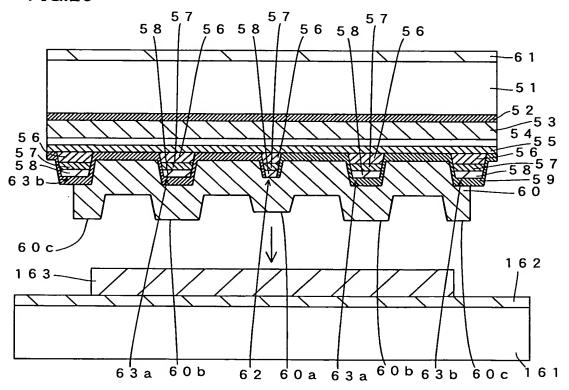
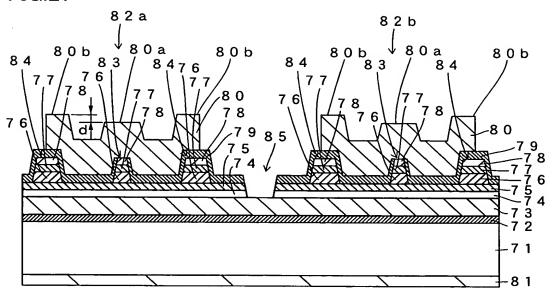


FIG.27





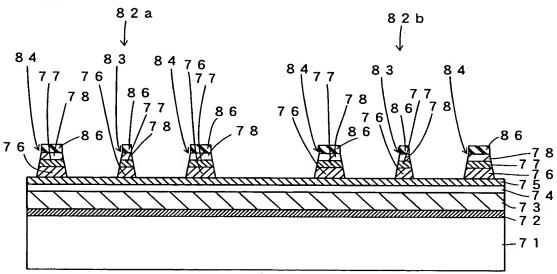
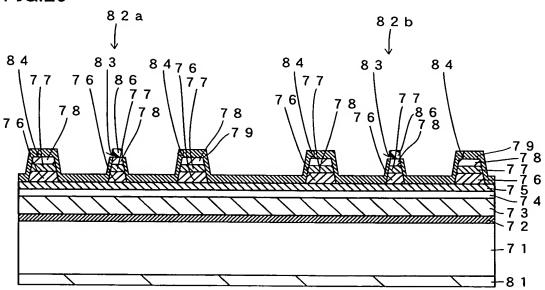
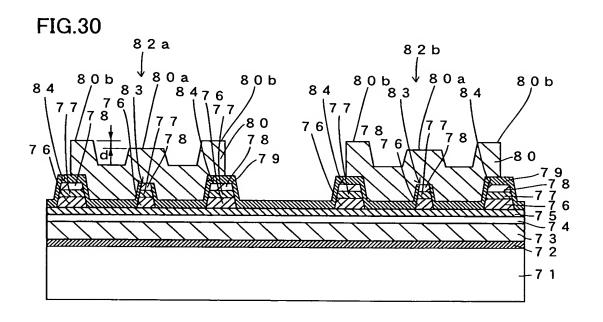
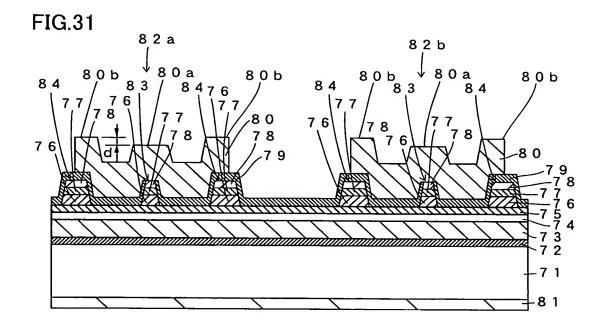


FIG.29







**FIG.32** 

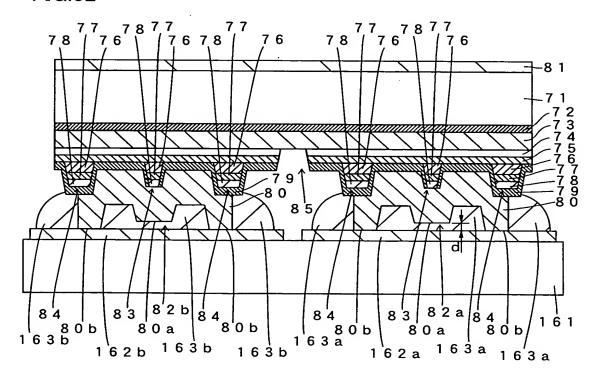
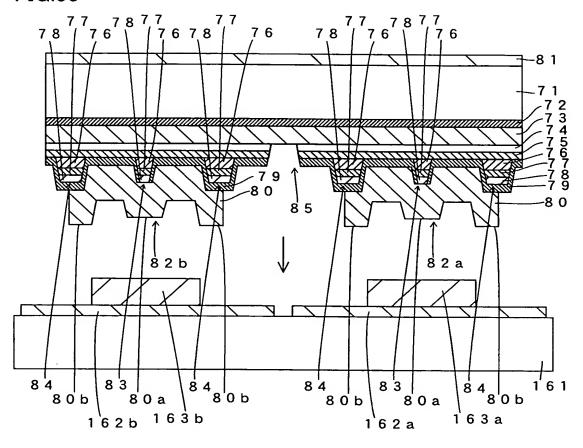
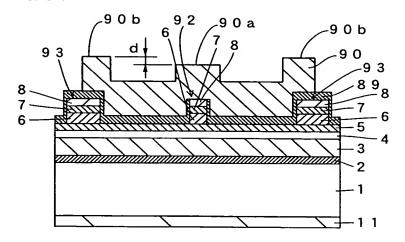
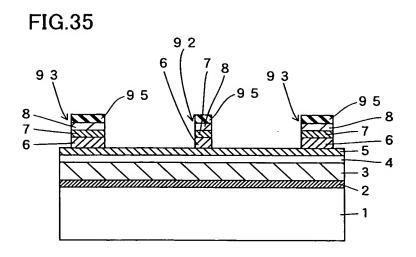


FIG.33



**FIG.34** 





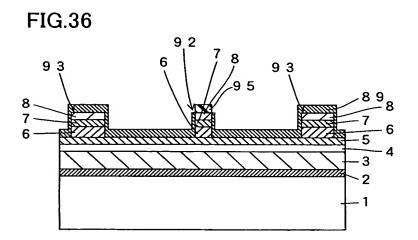


FIG.37

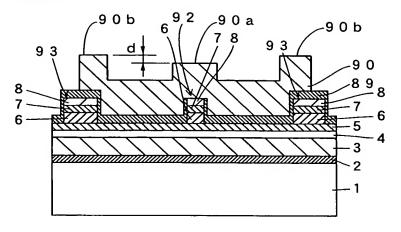


FIG.38

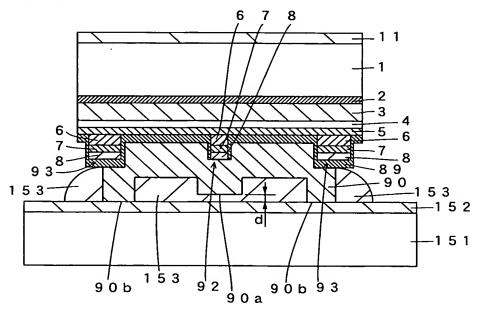
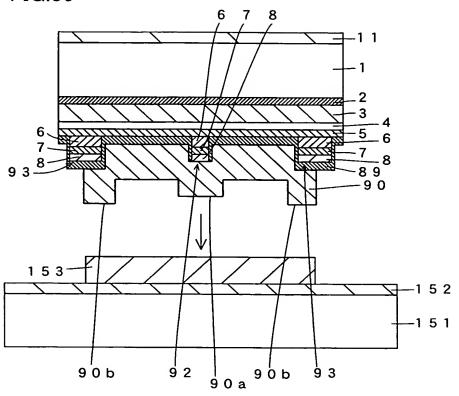


FIG.39



**FIG.40** 

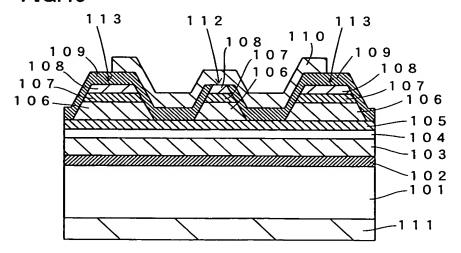


FIG.41

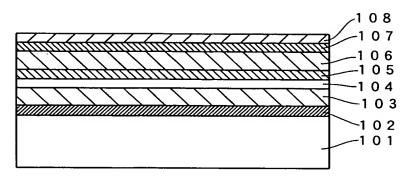


FIG.42

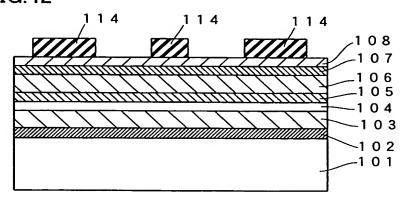
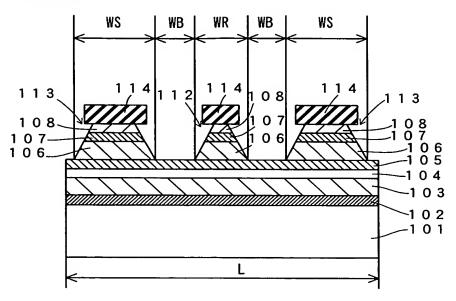
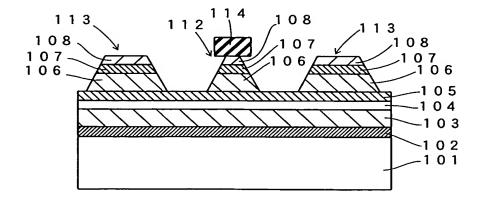


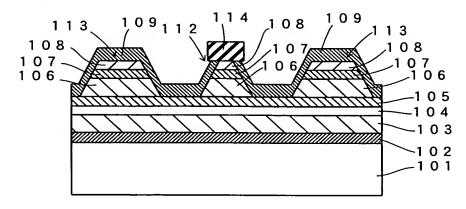
FIG.43



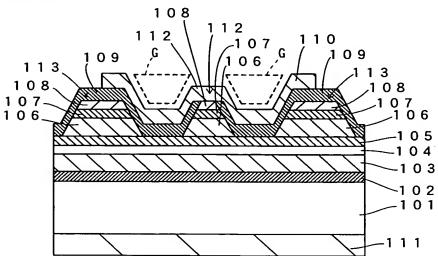
**FIG.44** 



**FIG.45** 



**FIG.46** 



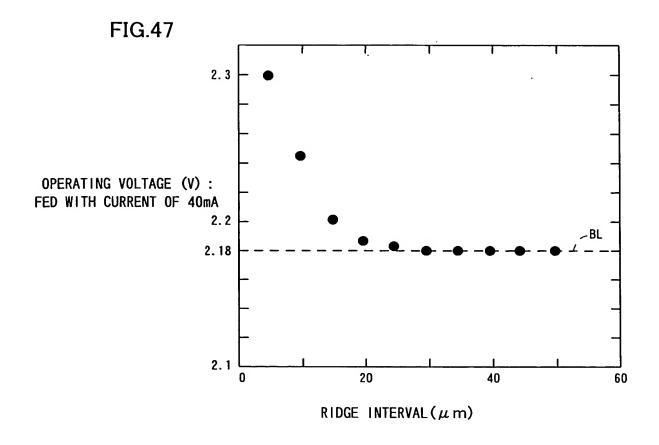


FIG.48

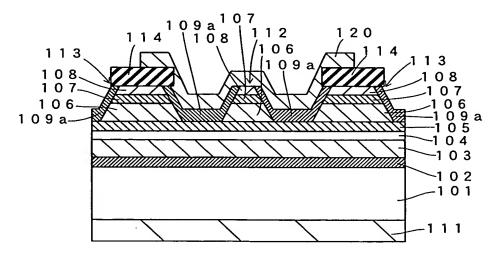


FIG.49

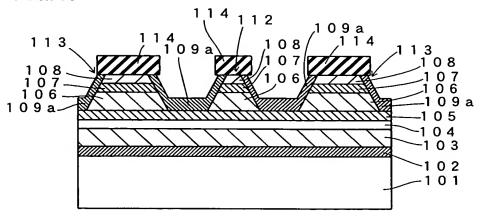


FIG.50 PRIOR ART

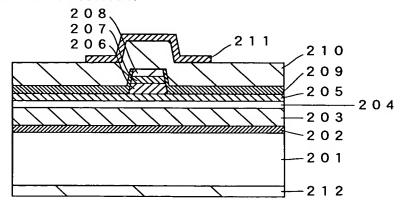


FIG.51 PRIOR ART

